COTTON CHATS

DRAPER COMPANY, HOPEDALE, MASS.

COTTON CHATS

DRAPER COMPANY HOPEDALE MASS.

NO. 121. NOVEMBER, 1912.

THE STRENGTH OF A BRIDGE IS ONLY THE STRENGTH OF ITS WEAKEST PART.

Likewise the weaving value of the yarn used in making cloth is limited by the number of threads that are below the standard in strength. When we consider the enormous investments in cotton mills and machinery equipment, planned by engineers selected for their recognized ability and experience, it is astonishing that so few of these mills have a system of accurate testing of yarns before woven.

The weaving value of yarn is not measured by the average strength of a combined number of threads but by the regularity of the strength and the weaveability of the individual threads. A proper test must therefore recognize the quality of the separate threads.

IT IS SELDOM

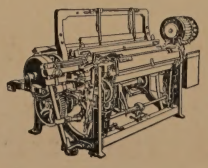
that we are obliged to look to our neighbors across the sea for improvements in textile machinery, but this time we must pay our English friends the compliment of being years in advance on the subject of testing yarns and the machine used for this purpose. As a starting point it is important to know just what quality of yarn is delivered to the weave room and this can only be shown accurately by a test of the individual yarns.

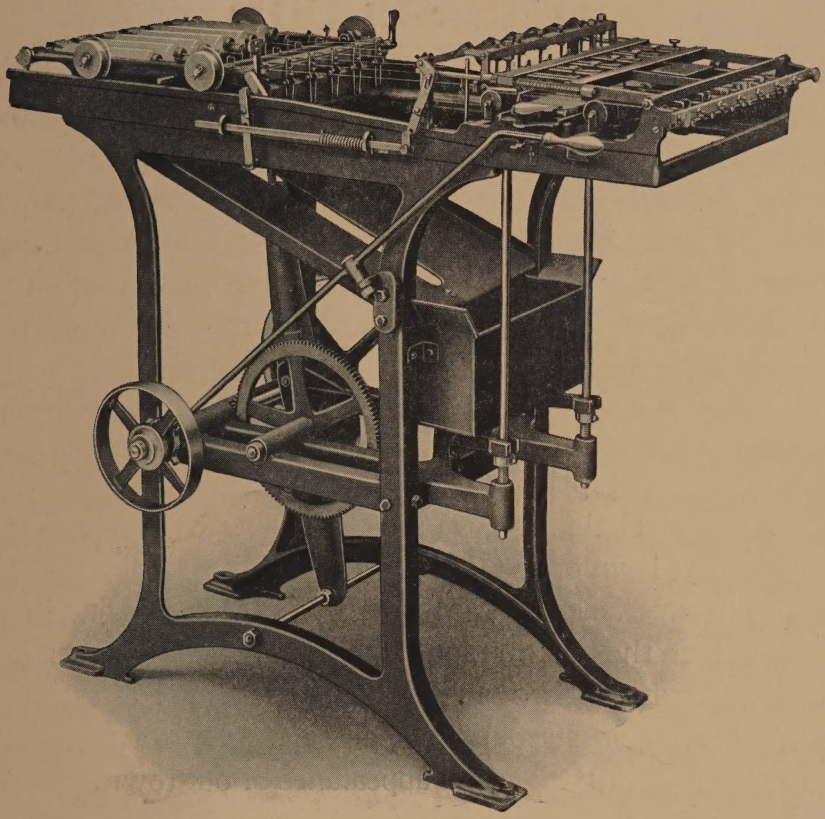
The Moscrop Machine is driven by power, either motor or belt, as preferred, and taking six bobbins or cops of yarn at one time, seizes the ends, winds off a certain length and then breaks it through the pull of springs, the breaking strength being registered on a diagram paper. But a few minutes are consumed in the operation of making and recording the eighty breaks in each test. With the record at hand if the yarn is uneven and contains a large number of weak places, the trouble can be traced and a remedy provided.

Hundreds of these machines have been sold in Great Britain and on the continent.

We are sole agents for the Moscrop yarn testing machine for the United States.

We shall be glad to test samples of yarn for our customers if desired. To make a satisfactory test we should have at least six bobbins of yarn of a given number. Samples should be between 15^s and 90^s.





The Moscrop Patent

Single Thread

Yarn Testing Machine.

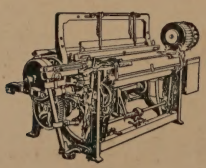
Arranged for Belt Drive.

YARD PRIZES

were distributed as usual among our tenants on Thanksgiving week. We illustrate a few places which received awards.

Having had many inquiries on this subject will explain that our system of prizes provides that each and every tenant is considered in the competition without special entry or application. While shrubs and flowers are given consideration, they are not allowed to offset a slackly kept lawn or an untidy back yard.

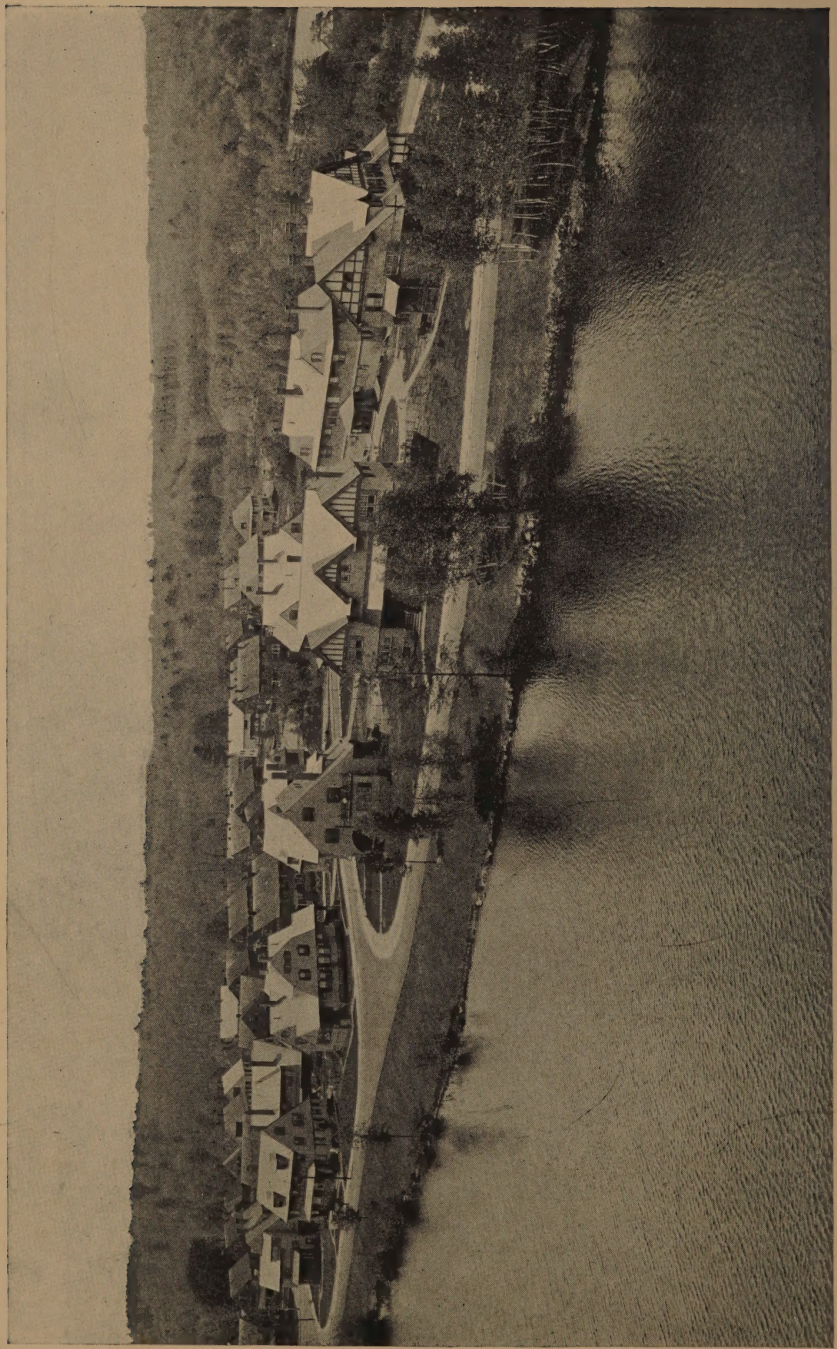
Our experience of about twenty years in this line has shown that the distribution of a considerable number of moderate cash prizes has stimulated the interest of tenants in their surroundings and has led to a material improvement in the general appearance of our town. The premises are visited several times during the season by a committee appointed by our directors and each yard is marked on a percentage basis, the averages of these figures making the basis of the awards. This season seventy prizes were distributed among about four hundred and thirty tenants.



OUR 1913 CALENDARS

are being mailed and ought to reach their destination before the rush of the holiday season. Memorandum book inserts for 1913 will also be mailed soon and to avoid loss are sent under letter postage with request to be returned by local postmaster if not delivered.

Our mailing lists for the above are intended to include all cotton mill officials as well as overseers of the various departments using goods of our manufacture. We trust that parties who wish to receive our Cotton Chats and other printed material will notify us of such changes as may occur in address or official position.



Draper Company Cottages, Lake Street
Built in 1911